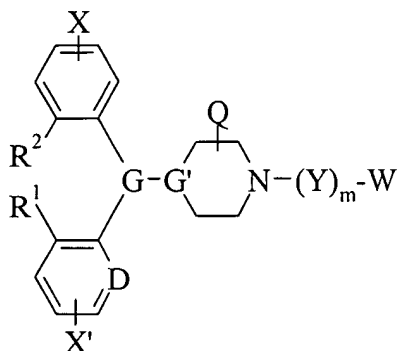


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A compound of formula I:



I

and the geometrical isomers, enantiomers, diastereomers, and pharmaceutically acceptable salts thereof, wherein:

X and X' independently are hydrogen, halo, alkyl, alkenyl, alkynyl, alkoxy, trifluoromethyl or -(Y')_m-W';

G and G' together form $\text{HC}-\text{N}$, $\text{HC}-\text{CH}$, or $\text{C}=\text{C}$;

D is -CH= or =N-;

R¹ and R² independently are hydrogen or together are -(CH₂)_n- in which n is equal to 0, 1, 2, or 3;

m and m' are independently 0 or 1;

Y and Y' are -L¹- or -L²-V(Z)-L³- in which t is 0 or 1;

L¹ is alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O-, -S-, -S(O)-, -S(O)₂-, -N(Q)-, or -N(R³)-;

L² is (a) alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O-, -S-, -S(O)-, -S(O)₂-, -N(Q')-, or -N(R⁴)-, or (b) -L⁴-C(O)-N(Q')- or -L⁴(Q')-, or (c) a direct bond;

L³ is (a) alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O-, -S-, -S(O)-, -S(O)₂-, -N(Q'')-, or -N(R⁵)-, or (b) a direct bond;

L⁴ is (a) alkylene; alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O-, -S-, -S(O)-, -S(O)₂-, -N(Q'')-, or -N(R⁵)-, or (b) a direct bond;

V is (a) a divalent arene, a divalent heteroarene, or a divalent saturated heterocycle when t is 0, or (b) a trivalent arene or trivalent heteroarene when t is 1;

Q, Q', and Q'' independently are hydrogen, -AC(O)OR⁶, or -AC(O)NR⁶R⁷;

W and W' independently are -N(OM)C(O)N(R⁸)R⁹, -N(R⁸)C(O)N(OM)R⁹, -N(OM)C(O)R⁸, -C(O)NR⁸R⁹, or -C(O)OR⁸, provided that at least one of W and W' is -N(OM)C(O)N(R⁸)R⁹, -N(R⁸)C(O)N(OM)R⁹, or -N(OM)C(O)R⁸[[.]];

Z is -A''N(OM')C(O)N(R¹⁰)R¹¹, -A''N(R¹⁰)C(O)N(OM')R¹¹, -A''N(OM')C(O)R¹¹, -A'C(O)N(OM')R¹¹, -A'C(O)NR¹⁰R¹¹, -A'C(O)OR¹⁰, halo, CH₃, NR³R⁴, NR³C(O)R⁴, NO₂, CN, CF₃, S(O)₂NR³R⁴, S(O)₂R³, SR³, or S(O)R³[[.]];

A, A' and A'' independently are a direct bond, alkylene, alkenylene, alkynylene, yloalkylaryl, yloarylalkyl, or diyloalkylarene or one of the foregoing in which one or more methylenes are replaced with -O-, -NH-, -S-, -S(O)-, or -S(O)₂- and/or one or more methylenes are replaced by =N-;

M and M' independently are hydrogen, a pharmaceutically acceptable cation, or a metabolically cleavable group; and

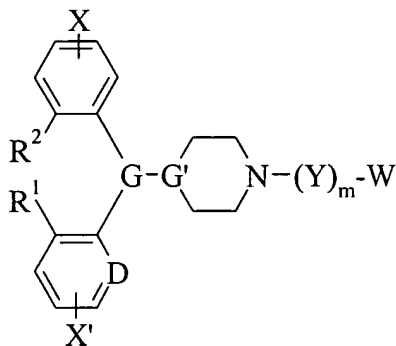
R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, and R¹¹ are independently hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkyl, alkylaryl, alkylarylalkyl, or one of the foregoing in which one or more methylenes are replaced by -O-, -NH-, -S-, -S(O)-, or -S(O)₂- and/or one or more methylenes are replaced by =N-;

provided that, other than the oxygens bound to the sulfurs in -S(O)- and -S(O)₂-, when one or more methylenes are replaced with -O-, -NH-, -S-, -S(O)-, or -S(O)₂- and when one or more methylenes are replaced with =N-, such replacement does not result in two heteroatoms being covalently bound to each other;

and further provided that when m is 0, W is not -C(O)NR⁸R⁹, or -C(O)OR⁸,

and further provided that in the substituent -AC(O)OOR⁶, R⁶ cannot be hydrogen when A is a direct bond.

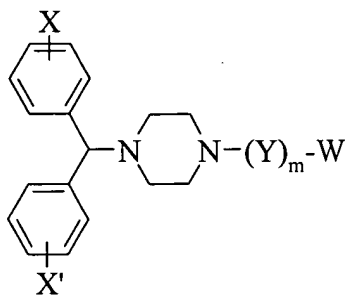
2. (Original) The compound of claim 1 having the formula I'':



I

wherein the substituents are as defined in claim 1, and the geometrical isomers, enantiomers, diastereomers, and pharmaceutically acceptable salts thereof.

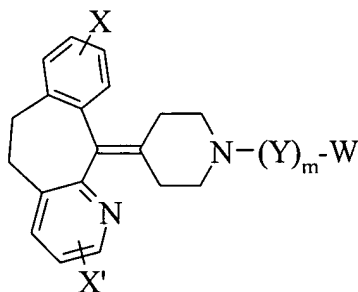
3. (Original) The compound according to claim 1 having the formula II:



II

wherein the substituents are as defined in claim 1, and the geometrical isomers, enantiomers, diastereomers, and pharmaceutically acceptable salts thereof.

4. (Original) The compound according to claim 1 having the formula III:



III

wherein the substituents are as defined in claim 1, and the geometrical isomers, enantiomers, diastereomers, and pharmaceutically acceptable salts thereof.

5. (Previously Presented) The compound according to claim 3 wherein X is -Cl, X' is hydrogen, m is 1 and W is -N(OH)C(O)NH₂.
6. (Previously Presented) The compound according to claim 3 wherein X is -Cl, X' is hydrogen, m is 1, Y is -L¹-, wherein L¹ is alkynylene, yloalkoxy, or yloalkoxyalkyl.
7. (Previously Presented) The compound according to claim 3 wherein X is -Cl, X' is hydrogen, m is 1, Y is -L²-V(Z)_t-L³-, t is 0, V is 1,4-phenylene or 1,3-phenylene, L² is yloalkoxy, and L³ is alkylene, alkenylene, or alkynylene.

8. (Previously Presented) The compound according to claim 3 wherein X is -Cl, X' is hydrogen, m is 1, Y is $-L^2-V(Z)_t-L^3$, t is 0, V is 2,5-furylene, L^2 is alkylene, and L^3 is alkylene, alkenylene, or alkynylene.
9. (Previously Presented) The compound according to claim 3 wherein X is -Cl, X' is hydrogen, m is 1, Y is $-L^2-V(Z)_t-L^3$, t is 1, L^2 is yloalkoxy, V is trivalent heteroarene, Z is $-A'C(O)NR^{10}R^{11}$ or $-A'C(O)OR^{10}$, and W is $-N(OH)C(O)NH_2$.
10. (Previously Presented) The compound according to claim 3 wherein X and X' are F, m is 1, Y is $-L^2-V(Z)_t-L^3$, t is 0, V is 1,4-phenylene or 1,3-phenylene, L^2 is yloalkoxy, and L^3 is alkylene, alkenylene, or alkynylene.
11. (Currently Amended) A compound selected from the group consisting of compounds ~~10, 1, 5, 11, 12, 13, 17, 23, 24, 31, 32, 33, 34, 35, 36, 37, 40, 41, 42, 43, 44, 45, 46, 48, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73 and [1,] 74, 75, 76, 77, 78, 79, 80, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, and 94.~~
12. (Currently Amended) A compound ~~that is selected from the group consisting of compound[[s]] 17, 32, 34, 35, 46, 52 and 80.~~
13. (Currently Amended) A compound according to claim 1 wherein

X and X' independently are hydrogen, halo or $-(Y')_m-W'$;

G and G' together form $\begin{array}{c} \diagup \quad \diagdown \\ \text{HC} - \text{N} \\ \diagdown \quad \diagup \end{array}$, $\begin{array}{c} \diagup \quad \diagdown \\ \text{HC} - \text{CH} \\ \diagdown \quad \diagup \end{array}$, or $\begin{array}{c} \diagup \quad \diagdown \\ \text{C} = \text{C} \\ \diagdown \quad \diagup \end{array}$;

D is $-\text{CH}=\text{}$ or $=\text{N}-$;

R^1 and R^2 independently are hydrogen or together are $-(\text{CH}_2)_2-$;

m and m' are independently 0 or 1;

Y and Y' are $-L^1-$ or $-L^2-V(Z)_t-L^3$ in which t is 0 or 1;

L^1 is alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O-;

L^2 is (a) alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O- or $-N(Q')$ - or (b) $-L^4-C(O)-N(Q')$;

L^3 is (a) alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced by -O- or $-N(Q'')$;

L^4 is alkylene;

V is (a) a divalent arene, a divalent heteroarene, or a divalent saturated heterocycle when t is 0, or (b) a trivalent arene or trivalent heteroarene when t is 1;

Q is hydrogen;

Q', and Q'' independently are -AC(O)OR⁶, or -AC(O)NR⁶R⁷;

W and W' independently are -N(OM)C(O)N(R⁸)R⁹, -N(R⁸)C(O)N(OM)R⁹, -N(OM)C(O)R⁸, -C(O)NR⁸R⁹, or -C(O)OR⁸, provided that at least one of W and W' is -N(OM)C(O)N(R⁸)R⁹, -N(R⁸)C(O)N(OM)R⁹, or -N(OM)C(O)R⁸.

Z is -A'C(O)NR¹⁰R¹¹, -A'C(O)OR¹⁰, halo, NR³C(O)R⁴, NO₂, CN or CF₃;

A and A' independently are a direct bond, alkylene, alkenylene, alkynylene, or one of the foregoing in which one or more methylenes are replaced with -O-;

M and M' independently are hydrogen, a pharmaceutically acceptable cation, or a metabolically cleavable group; and

R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, and R¹¹, if present, are independently hydrogen or alkyl in which one or more methylenes may be replaced by -O-;

provided that, other than the oxygens bound to the sulfurs in -S(O)- and -S(O)₂-, when one or more methylenes are replaced with -O-, -NH-, -S-, -S(O)-, or -S(O)₂- and when one or more methylenes are replaced with =N-, such replacement does not result in two heteroatoms being covalently bound to each other;

and further provided that when m is 0, W is not -C(O)NR⁸R⁹, or -C(O)OR⁸,

and further provided that in the substituent -AC(O)OOR⁶, R⁶ cannot be hydrogen when A is a direct bond.

14. (Currently Amended) A compound according to claim 13 wherein

X and X' independently are -H or halo;

G and G' together form $\begin{array}{c} \diagup \quad \diagdown \\ \text{HC} - \text{N} \\ \diagdown \quad \diagup \end{array}$ or $\begin{array}{c} \diagup \quad \diagdown \\ \text{C} = \text{C} \\ \diagdown \quad \diagup \end{array}$;

Y is -L²-V(Z)_t-L³- in which t is 0 or 1;

L² is C₁ to C₆ alkylene in which one or more methylenes may be replaced by -O-

V(Z)_t is phenylene optionally substituted by -A'C(O)NR¹⁰R¹¹, -A'C(O)OR¹⁰, halo, NR³C(O)R⁴, NO₂, CN or CF₃ or furylene or oxolanylene;

L³ is C₁ to C₆ alkylene in which one or more methylenes may be replaced by -O- or C₂ to C₆ alkynylene;

W is -N(OM)C(O)N(R⁸)R⁹, -N(R⁸)C(O)N(OM)R⁹ or -N(OM)C(O)R⁸

A' is methylene, vinylene or a direct bond.

R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, and R¹¹, if present, are independently hydrogen or C₁ to C₆ alkyl in which one or more methylenes may be replaced by -O-.

15. (Original) A compound according to claim 14 wherein

X is fluorine or chlorine;

X' is hydrogen or fluorine;

Y is $-L^2-V(Z)_t-L^3-$ in which t is 0 or 1;

L^2 is C_1 to C_6 alkylene in which one methylene may be replaced by $-O-$

$V(Z)_t$ is phenylene optionally substituted by $-A'C(O)NR^{10}R^{11}$, $-A'C(O)OR^{10}$, halo, $NR^3C(O)R^4$, NO_2 , CN or CF_3 or furylene or oxolanylene;

L^3 is C_1 to C_6 alkylene in which one methylene may be replaced by $-O-$ or C_2 to C_6 alkynylene;

W is $-N(OH)C(O)NH_2$;

A' is methylene, vinylene or a direct bond

R^3 , R^4 , R^5 , R^6 , R^7 , R^8 , R^9 , R^{10} , and R^{11} , if present, are independently hydrogen or C_1 to C_6 alkyl in which one methylene may be replaced by $-O-$.

16. (Original) A compound according to claim 1 wherein

X and X' independently are hydrogen, halo, alkyl, alkenyl, alkynyl, alkoxy or trifluoromethyl;

W is $-N(OM)C(O)N(R^8)R^9$, $-N(R^8)C(O)N(OM)R^9$ or $-N(OM)C(O)R^8$;

17. (Original) A compound according to claim 1 wherein

L^4 is alkylene

Z is $-N(OM')C(O)N(R^{10})R^{11}$, $-N(R^{10})C(O)N(OM')R^{11}$, $-N(OM')C(O)R^{11}$, $-A'C(O)N(OM')R^{11}$, $-A'C(O)NR^{10}R^{11}$ or $-A'C(O)OR^{10}$.

18. (Original) A compound according to claim 1 wherein

X and X' independently are $-H$, halo, alkyl, alkenyl, alkynyl, alkoxy or trifluoromethyl;

L^4 is alkylene

W is $-N(OM)C(O)N(R^8)R^9$, $-N(R^8)C(O)N(OM)R^9$ or $-N(OM)C(O)R^8$;

Z is $-N(OM')C(O)N(R^{10})R^{11}$, $-N(R^{10})C(O)N(OM')R^{11}$, $-N(OM')C(O)R^{11}$, $-A'C(O)N(OM')R^{11}$, $-A'C(O)NR^{10}R^{11}$ or $-A'C(O)OR^{10}$.

19. (Original) A compound according to claim 1 wherein when M or M' is a metabolically cleavable group this is selected from an organic or inorganic anion, a pharmaceutically acceptable cation, acyl, alkyl, phosphate, sulfate and sulfonate, $NH_2C(O)-$ or $(alkyl)OC(O)-$.

20. (Original) A compound according to claim 19 wherein acyl is $(alkyl)C(O)$, including acetyl, propionyl and butyryl.

21. (Previously Presented) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a compound according to claim 1.

22. (Previously Presented) A method of simultaneously inhibiting both leukotriene- and histamine-mediated biological processes, the method comprising administering an effective leukotriene- and histamine- inhibiting amount of a compound according to claim 1 to a subject in need of such inhibition.

23. (Currently Amended) A method of treating asthma, ~~seasonal and perennial allergic rhinitis, sinusitis, conjunctivitis, food allergy, scombroid poisoning, psoriasis, urticaria, pruritus, eczema, rheumatoid arthritis, inflammatory bowel disease, chronic obstructive pulmonary disease, thrombotic disease and otitis media,~~ the method comprising administering to a patient suffering from asthma, ~~seasonal and perennial allergic rhinitis, sinusitis, conjunctivitis, food allergy, scombroid poisoning, psoriasis, urticaria, pruritus, eczema, rheumatoid arthritis, inflammatory bowel disease, chronic obstructive pulmonary disease, thrombotic disease and otitis media,~~ an amount of a compound according to claim 1 sufficient to reduce or eliminate the asthma.

24. (Canceled) ~~A method according to claim 23 wherein the disease to be treated is selected from asthma and seasonal and perennial rhinitis.~~